

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-325036

(43)Date of publication of application : 12.12.1995

(51)Int.Cl. G01N 21/84
G01B 11/30
G01N 21/88
H01L 21/66
// G02B 13/22

(21)Application number : 06-141118

(71)Applicant : NEW KURIEISHIYON:KK

(22)Date of filing : 31.05.1994

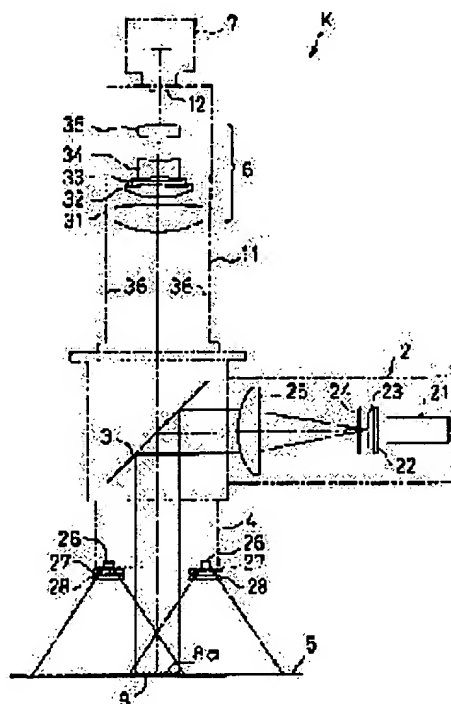
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(54) OPTICAL SYSTEM FOR INSPECTION, AND INSPECTION APPARATUS

(57)Abstract:

PURPOSE: To extend the depth of a field in which a picture can be taken and provide an inspection apparatus in which an observation part can be included easily within a range of focuses.

CONSTITUTION: Regarding an optical system K for inspection in which parallel light rays are radiated to a specimen 8 by a radiation optical system K, the transmitted light rays or the reflected light rays are converged by an observation optical system 6, and observation of the specimen 8 is done by the observation part 7 in the rear side of the optical system 6, the optical system K for inspection is characteristically provided with the observation optical system K having a telecentric optical part 6 and an iris diaphragm 12 set in a rear image spatial focusing plane of the telecentric optical part 6 or near the plane.



LEGAL STATUS

[Date of request for examination] 20.04.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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